



# Weather Briefing for Feb 9<sup>th</sup>-10<sup>th</sup> Coastal Storm

Prepared 800 AM EST –  
Tuesday Feb 9, 2010

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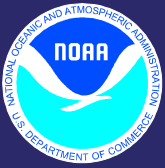


# Purpose of briefing



- Briefing #3 for event
- Promote situational awareness for emergency management community & partners
- Provide guidance for planning efforts
- Briefing applies to Mount Holly service area – shaded in green on map



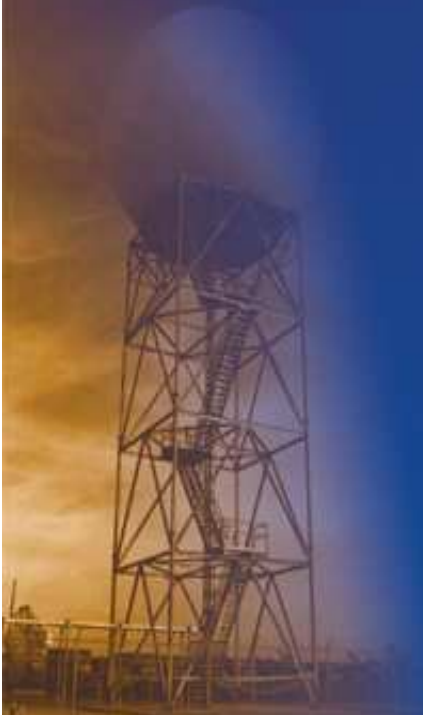


# Changes from previous briefing

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- Updated snowfall forecast map



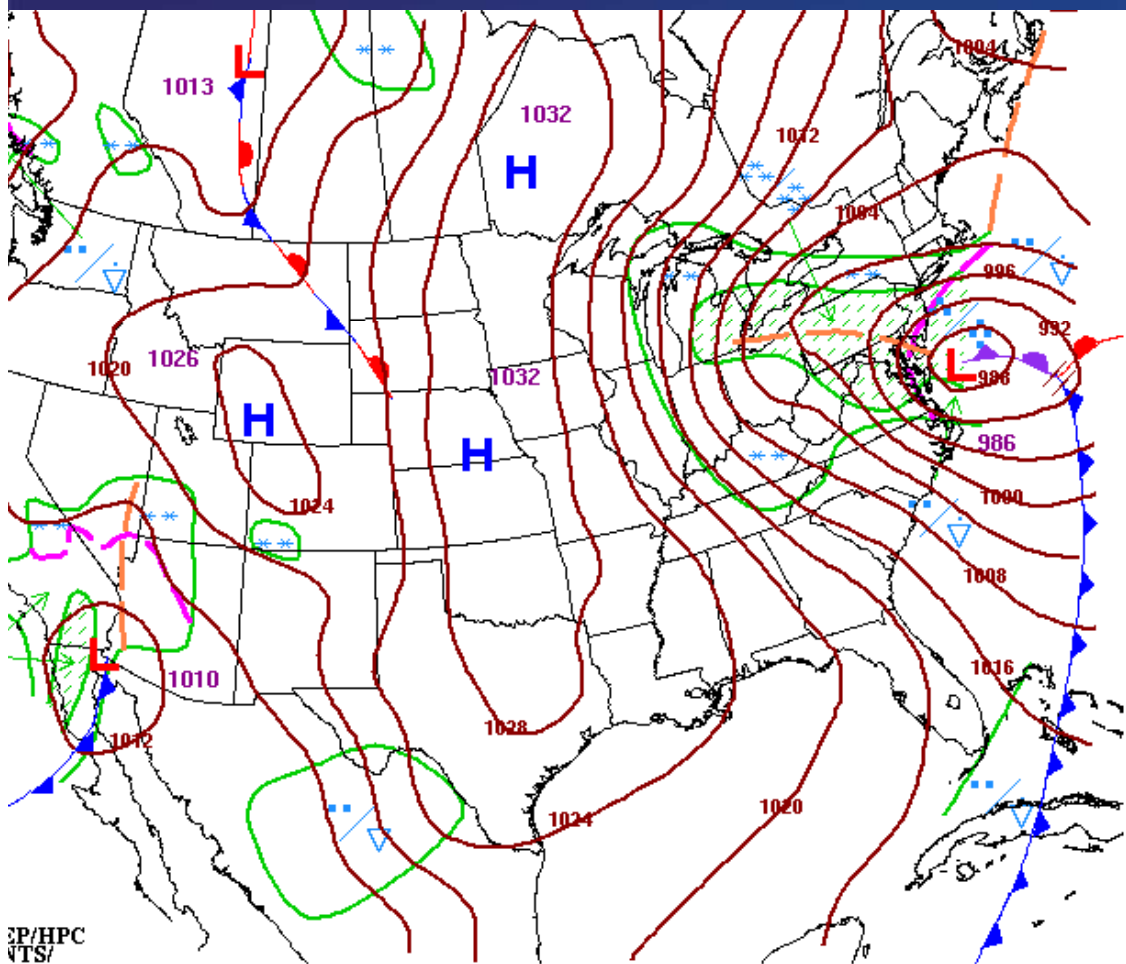


# Upcoming coastal storm

## Tue night / Wed



- Forecast weather map for 700 AM Wednesday Feb 10th; major coastal storm expected just off the DE/NJ coast



EP/HPC  
VTS/  
ATHER  
EB 09 2010  
EB 10 2010  
ENFELDER

# Snowfall



- Snowfall is main precipitation threat

- Near the coast, precipitation could be a rain-snow mix through the overnight hours. Right on the coast, precipitation could change to all rain tonight. However, this will change back to all snow Wednesday morning.

- Snowfall amounts of 15+ inches possible where heavy snow band sets up

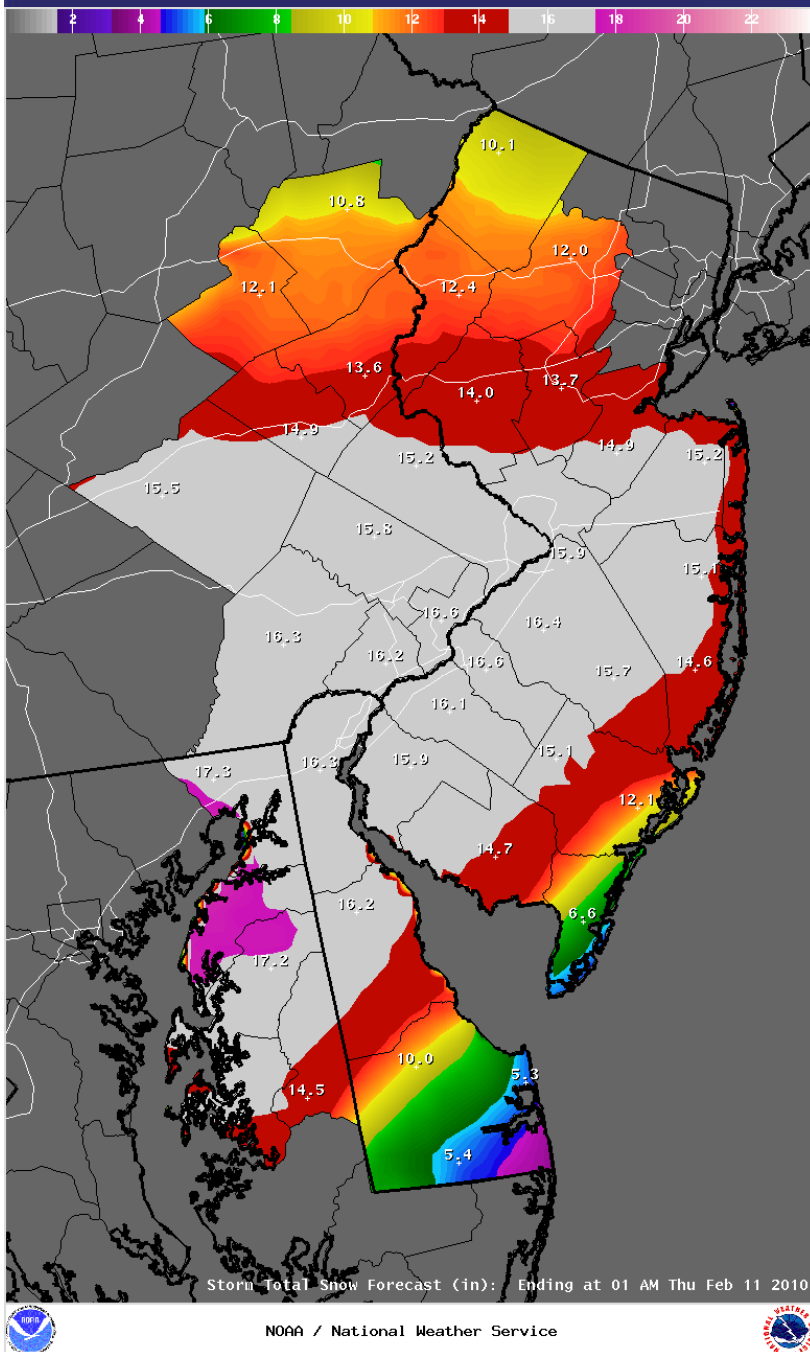
- Map shows event snowfall totals

  - *Forecast issued at 330 AM Tue Feb 9 2010*

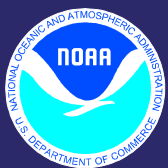
- Best timing for heavy snowfall is late Tuesday night and Wednesday

- Blizzard warning may be needed near the coast on Wednesday

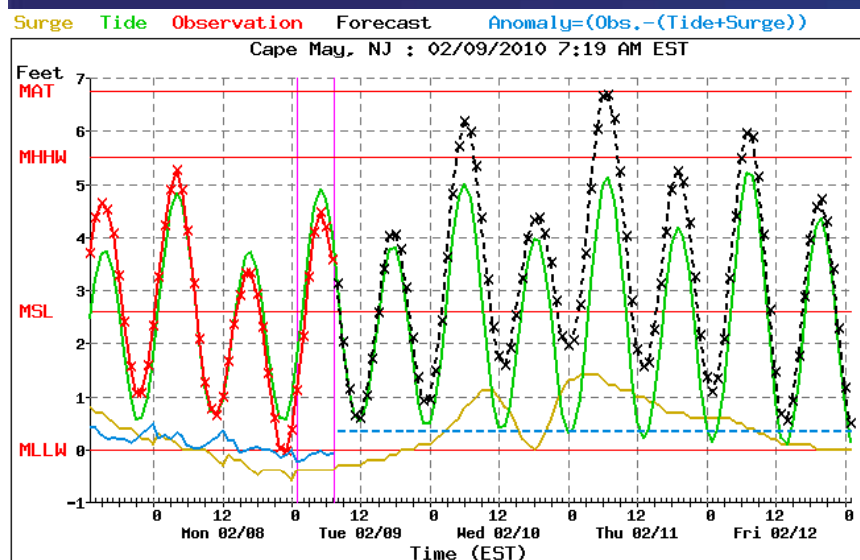
- Remember that final storm track & intensity will determine precipitation type & amounts.



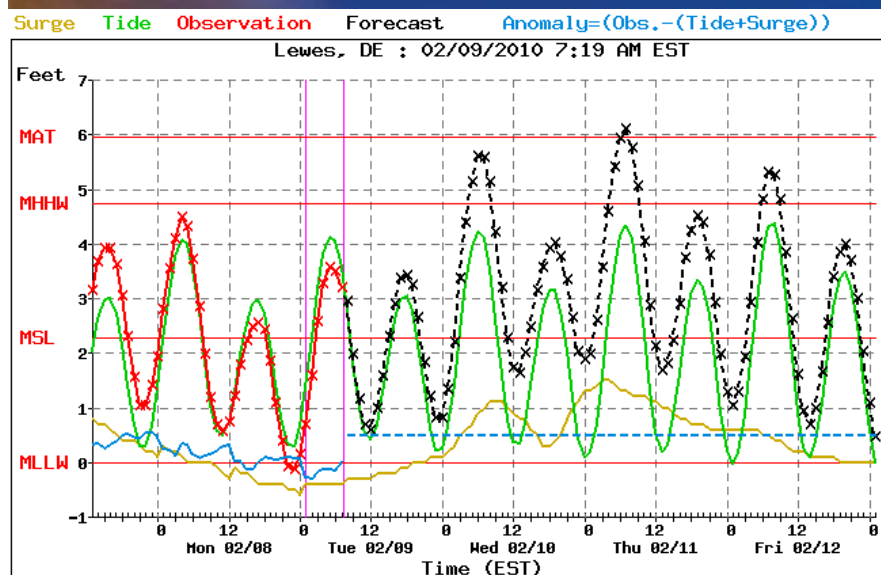


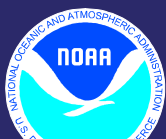


# Coastal flooding

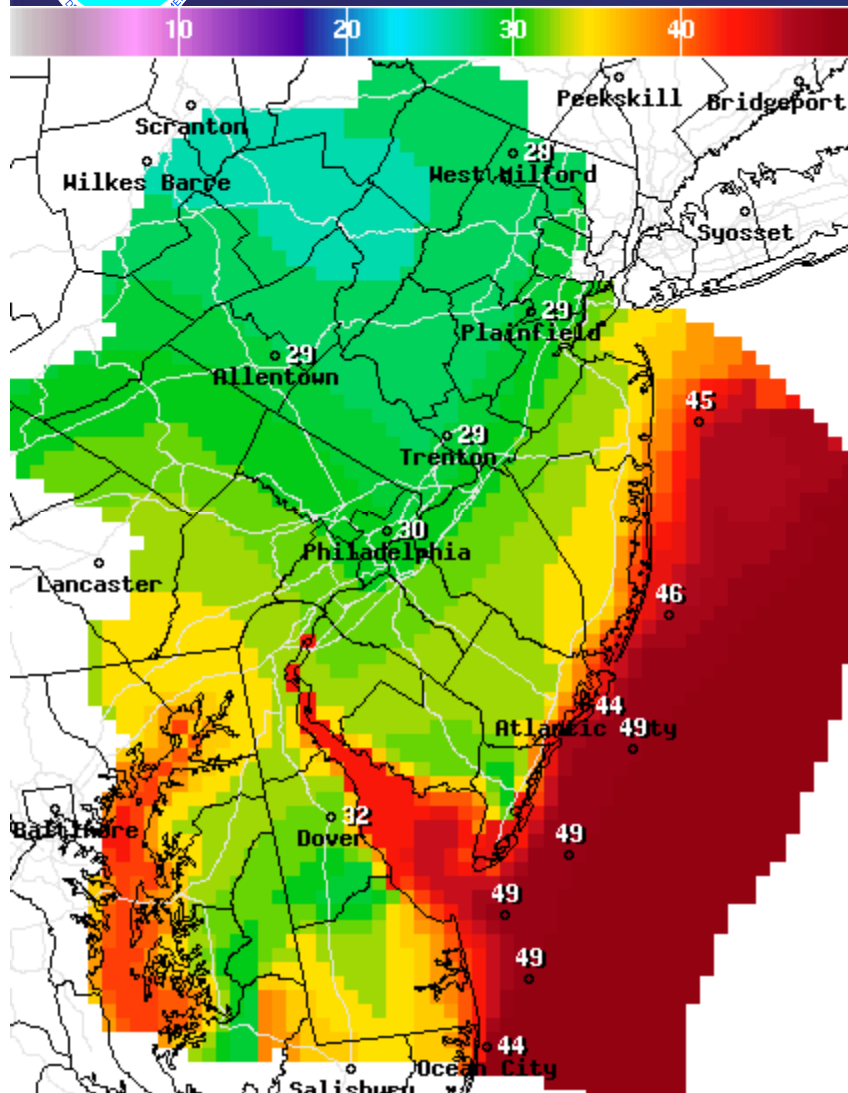


- Potential for minor coastal flooding along Atlantic coastline of NJ & DE
- Tides to watch will be high tides on both Wednesday morning Feb 10<sup>th</sup> and Thursday morning Feb 11<sup>th</sup>
- Remember that final storm track & intensity will determine coastal flooding impact





# Strong winds



Wind Gust(kts) For Wed Feb 10 2010 7PM EST  
(Thu Feb 11 2010 00Z)

NWS Mount Holly, NJ

Graphic Created Feb 09 5:07AM EST

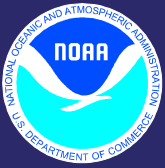
Gale Warnings posted for the coastal waters through Thursday morning. Storm Warnings may be needed Wednesday afternoon and night.

On land, areas near Atlantic coastal sections of Delaware & southern New Jersey may see wind gusts over 50 miles an hour.

Best timing for strong winds is late Wednesday morning into Wednesday night

High risk of blowing & drifting snow





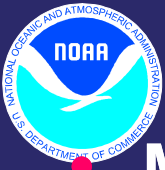
# Additional concerns

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- **Impact of additional precipitation on structures**
  - *The impact of additional heavy snow and or snow/rain mix will cause additional loading on roofs and may cause structural problems*
- **Impact of mixed precipitation on travel**
  - *Some locations are expected to receive a rain/snow mix.*
  - *Storm drains and culverts are blocked due to the recent heavy snowfall*
  - *There may be significant ponding of water where it cannot drain away*





# Situational awareness summary

**Major winter storm expected to start Tuesday night Feb 9<sup>th</sup> and continue into Wednesday Feb 10<sup>th</sup>**

- **Storm has the potential to produce 15+ inches of snow**
  - *Event snow totals are available at [weather.gov/phi](http://weather.gov/phi)*
  - *Blowing & drifting snow is likely*
- **Storm has the potential to produce minor coastal flooding along Atlantic coasts of NJ & DE**
  - *High tides to watch are Wed morning Feb 10th and Thu morning Feb 11th*
- **Storm has the potential to produce gale force winds over the coastal waters and winds gusts of 50 miles an hour over adjacent coastal land areas. Blizzard Warning may be needed near the coast on Wednesday.**
- **Watch for structural issues with additional snowfall; transportation issues due to clogged drains and culverts**
- **Maintain situational awareness; keep track of the latest weather forecasts at**
  - *[Weather.gov/phi](http://Weather.gov/phi)*